



SEQUENCE LISTING

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<120> CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR-B COMPLEX
AND USES THEREOF

<130> 37174/9

<140> US 09/903,876

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<160> 2

<170> PatentIn version 3.0

<210> 1

<211> 243

<212> PRT

<213> Homo sapiens

<400> 1

Ala Leu Ser Leu Thr Ala Asp Gln Met Val Ser Ala Leu Leu Asp Ala
1 5 10 15

Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp Pro Thr Arg Pro Phe Ser
20 25 30

Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg Glu Leu
35 40 45

Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val Asp Leu
50 55 60

Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu Glu Ile
65 70 75 80

Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Val Lys Leu
85 90 95

Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys Cys Val
100 105 110

Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser Ser Arg
115 120 125

Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu Lys Ser
130 135 140

Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr Leu
145 150 155 160

Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys Ile
 165 170 175
 Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu Gln
 180 185 190
 Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His Ile
 195 200 205
 Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys Cys
 210 215 220
 Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
 225 230 235 240
 His Arg Leu

<210> 2

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2

Leu Asp Ala Leu Ser Pro Glu Gln Leu Val Leu Thr Leu Leu Glu Ala
 1 5 10 15
 Glu Pro Pro His Val Leu Ile Ser Arg Pro Ser Ala Pro Phe Thr Glu
 20 25 30
 Ala Ser Met Met Met Ser Leu Thr Lys Leu Ala Asp Lys Glu Leu Val
 35 40 45
 His Met Ile Ser Trp Ala Lys Lys Ile Pro Gly Phe Val Glu Leu Ser
 50 55 60
 Leu Phe Asp Gln Val Arg Leu Leu Glu Ser Cys Trp Met Glu Val Leu
 65 70 75 80
 Met Met Gly Leu Met Trp Arg Ser Ile Asp His Pro Gly Lys Leu Ile
 85 90 95
 Phe Ala Pro Asp Leu Val Leu Asp Arg Asp Glu Gly Lys Cys Val Glu
 100 105 110
 Gly Ile Leu Glu Ile Phe Asp Met Leu Leu Ala Thr Thr Ser Arg Phe
 115 120 125
 Arg Glu Leu Lys Leu Gln His Lys Glu Tyr Leu Cys Val Lys Ala Met
 130 135 140
 Ile Leu Leu Asn Ser Ser Met Tyr Pro Leu Val Thr Ala Gln Asp Ala
 145 150 155 160
 Asp Ser Ser Arg Lys Leu Ala His Leu Leu Asn Ala Val Thr Asp Ala
 165 170 175
 Leu Val Trp Val Ile Ala Lys Ser Gly Ile Ser Ser Gln Gln Gln Ser
 180 185 190

Met Arg Leu Ala Asn Leu Leu Met Leu Ser His Val Arg His Ala Ser
195 200 205

Asn Lys Gly Met Glu His Leu Leu Asn Met Lys Cys Lys Asn Val Val
210 215 220

Pro Val Tyr Asp Leu Leu Leu Glu Met Leu Asn Ala His Val Leu
225 230 235